### JUN 7 - 2005

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### 510(k) SUMMARY

This summary of 510(k) safety and effectiveness information is being submitted in accordance with requirements of SMDA 1990 and 21 CFR §807.92.

The assigned 510(k) number is: <u>K 05 | 144</u>

### 1. Submitter's Identification:

Mr. Shuangzhu Ma Grand Work Plastics Products Co., Ltd. Donggao Industrial Zone Zanhuang, Hebei Province P.R. China

Date Summary Prepared: April 13, 2005.

#### 2. Name of the Device:

Grand Work Plastics Products Co., Ltd.
Powder Free Vinyl Synthetic Examination Gloves with Plasticizer EBN&BET

### 3. Predicate Device Information:

Shijiazhuang Junfei Plastic Products Co., Ltd. Powder Free Synthetic Vinyl Patient Examination Gloves (K010627)

### 4. <u>Device Description:</u>

Classified by FDA's General and Plastic Surgery Device panel as Class I, 21 CFR 880.6250, Powder Free Vinyl Patient Examination Glove, 80LYZ, and meets all requirements of ASTM Standard D5250-00 <sup>4</sup>.

### 5. Intended Use:

A patient examination glove is a disposable device intended for medical purposes that is worn on the hand of healthcare and similar personnel to prevent contamination between healthcare personnel and the patient's body, fluids, waste or environment.

K051166

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6. Comparison to Predicate Devices:

Grand Work Plastic Products Co., Ltd.'s Powder Free Vinyl Synthetic Examination Gloves with Plasticizer EBN&BET is substantially equivalent in safety and effectiveness to the Shijiazhuang Junfei Plastic Products Co., Ltd.'s Powder Free Synthetic Vinyl Patient Examination Gloves.

# 7. <u>Discussion of Non-Clinical tests Performed for Determination of Substantial</u> Equivalence are as follows:

The standards used for Grand Work Plastics Products Co., Ltd. glove production are based on ASTM D5250-00 <sup>4</sup>. All testing meets requirements for Physical and Dimensions Testing conducted on gloves, Inspection Level S-2, AQL4.0.

The FDA 1000ml. Water Fill Test based on ASTM D5151-99 was also conducted with samplings of AQL2.5, Inspection Level I. meeting these requirements. Primary Skin irritation and Skin Sensitization (allergic contact dermatitis) testing was conducted with results showing no primary skin irritant or sensitization reactions.

There are no special labeling claims and we do not claim our gloves as hypoallergenic on our labels.

A Residual Powder Test that based on ASTM D6124-01 for Starch at finished inspection is conducted to insure that our gloves meet our "Powder Free" claims (contain no more than 2mg powder per glove).

### 8. Discussion of Clinical Tests Performed:

Not Applicable ----There is no Hypoallergenic Claim.

### 9. Conclusions:

Grand Work Plastic Products Co., Ltd.'s Powder Free Vinyl Synthetic Examination Gloves with Plasticizer EBN&BET conform fully to ASTM D5250-00 <sup>4</sup> standard as well as applicable 21 CFR references, and, meets pinhole FDA requirements, Biocompatibility requirements and labeling claims as shown by data in Section 7. There are no safety/efficacy issues or new claims from the "substantial equivalence" product cited.



JUN 7 - 2005

Food and Drug Administration 9200 Corporate Boulevard Rockville MD 20850

Mr. Micky Lin Official Correspondent Grand Work Plastics Products Company Limited 3973 Schafer Avenue Chino, California 91710

Re: K051166

Trade/Device Name: Powder Free Vinyl Synthetic Examination Gloves with

Plasticizer EBN&BET Regulation Number: 880.6250

Regulation Name: Patient Examination Glove

Regulatory Class: I Product Code: LYZ Dated: April 11, 2005 Received: May 5, 2005

### Dear Mr. Lin:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/industry/support/index.html.

Sincerely yours,

Chiu Lin, Ph.D.

Director

Division of Anesthesiology, General Hospital, Infection Control and Dental Devices

Smete G. Michaelo, MD.

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

### Attachment A

## INDICATIONS FOR USE

Grand Work Plastic Products Co., Ltd.

510(k) NUMBER (IF KNOWN): <u>K051166</u>

- APPLICANT:

DEVICE NAME:	Powder Free Vinyl Synthetic Examination Gloves with Plasticizer EBN&BET
INDICATIONS FOR USE:	
	love is disposable device intended for medical on the examiner's hand or finger to prevent tient and examiner.
Prescription Use (per 21 CFR 801.109)	OR Over-The-Counter-Use X (Optional Format1-2-96)
(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED.)	
Concurrent of CDRH, Office of Device Evaluation (ODE)	
(Division Sign-Off) Division of Anesthesiology, General Hospital Infection Control, Dental Devices  510(k) Number:	